

Message

From: Varljen, Mark [Mark.Varljen@Rocket.com]
Sent: 11/7/2017 8:08:11 PM
To: Keller, Lynn [Keller.Lynn@epa.gov]
CC: MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]; 'jrohrer@dtsc.ca.gov' [jrohrer@dtsc.ca.gov]; Fennessy, Christopher [christopher.fennessy@Rocket.com]; Kraemer, Sue [Sue.Kraemer@aptim.com]
Subject: Aerojet Superfund Site OU-7/IOU F&T Modeling Technical Memorandum #3
Attachments: Aerojet TM3 FINAL_Nov2_2017.pdf

Lynn, please find attached the above-referenced Technical Memorandum (TM).

This TM documents the model development activities completed this year which were previously presented at our routine technical meetings. There is no new information contained in this TM which was not already presented.

In summary, this TM provides additional details and justifications regarding several points identified following previous submissions relating to development of the fate & transport model for OU-7. The main topic areas addressed include:

- Contaminant source locations and quantification of source terms (concentrations versus time functions)
- Dual porosity model parameters (mass transfer or exchange rates, and values of mobile and immobile porosities)
- Initial concentrations (current plume configurations) that will be used in the final fate and transport model
- Updates to the fate and transport model that were required to match updates made in 2014 to the regional groundwater flow model

Please contact me if you have any questions.

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